

KERR-MCGEE CHEMICAL LLC
COLUMBUS, MISSISSIPPI

Kerr-McGee Chemical LLC of Columbus, Mississippi manufactures creosote-preserved wood for use in railroad construction, bridges, utility poles, and pilings. Every Kerr-McGee creosote-wood-preserving facility subscribes to the American Chemistry Council's Responsible Care® program to continually improve performance in the management, use, and disposal of chemicals. The facility reduced hazardous solid waste production by 84% since 1995. Moreover, Kerr-McGee committed to further reducing the quantity of hazardous waste generated at the Columbus facility by 75% during the next three years.

AT A GLANCE

Industry Sector:	Forest and Paper Products
Business:	Manufactures creosote-preserved wood
Facility Employees:	Fewer than 50
Accomplishments:	Reduced emissions of VOCs Reduced hazardous waste
2003 Commitments:	Reduce discharges of toxics to water Reduce emissions of hazardous air pollutants Reduce emissions of VOCs Reduce hazardous waste
Address:	2300 14th Avenue North Columbus, MS 39701

ENVIRONMENTAL PERFORMANCE

Past Accomplishments

The Kerr-McGee Columbus facility has demonstrated its commitment to environmental performance in the areas of air emissions reduction and waste reduction. Since 1997, the facility has:

- **Reduced emissions of volatile organic compounds (VOC)** by 28% through installing emission control devices and employing good management practices, such as vapor balancing and vessel closure.
- **Reduced hazardous waste generation** through various measures, such as recycling, employee training, source separation, and spill prevention.

Future Commitments

The Columbus facility also committed to continued environmental improvement through additional reductions in air emissions and hazardous waste generation, as well as reducing harmful discharges to surface waters. By 2003, the facility will:

- **Reduce discharges of toxics to water** by 17% through improvements in efficiency of the wastewater treatment system and employee training.
- **Reduce emissions of hazardous air pollutants** by 16% through improved production efficiency, employee training, and evaluation of the creosote formulation currently used.
- **Further reduce emissions of VOCs** by 15% through maximizing control device performance, evaluating new control technologies, and improving production efficiency.
- **Further reduce hazardous waste generation** through recycling, source separation, and continued employee training.

COMMUNITY OUTREACH

The Kerr-McGee Columbus facility conducts an open house each year to inform the public of important environmental matters that affect the community. The facility has a history of strong community service, working on a regular basis with the local United Way organization. Representatives of the Columbus facility also participate in the local Emergency Planning Committee that develops plans to communicate, educate, and protect the public in the event of a chemical release.